



IDT Octopus™

2 DOOR CONTROLLER

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TECHNICAL SPECIFICATIONS

Ultrafast multi - module controller or Secure I/O for access control solutions.

A Secure I/O is a secure controller for Access solutions based on encrypted communications and embedded SQLite to the external readers / terminals.

The Octopus™ operates as both the controller and processor for critical data including multi biometric processing and card management.

Supports full IP or standalone capabilities for the management of a door solutions. Communication options include TCP/IP, RS 232, RS485, Wiegand In/Out and more.

The Octopus™ can handle large scale deployments whether implementing card and / or biometric solutions.

The Octopus™ comes with an optional protector casing for simple installation and ANTI TAMPER protection enabling both visual and active alert notification and procedures.

Utilizing a 1 GHz processor, the Octopus™ brings a new level of performance, reliability and most importantly interoperability to the world of Access Control.

- Internal SQLite database
- USB X2 (Host)
- RS485 / RS-232
- TCP / IP
- 2 relays
- Micro SD card
- 12V power supply / POE
- Power fail digital inputs
- Secure ID chip (DS2411)
- 2 channel Wiegand Input (26 – 64 bits)
- Wiegand Output (26 – 64 bits)
- Controls up to 4 devices (2 doors IN/OUT) connected either by RS485 or Network
- Master or Slave configuration
- Controlled inputs: EPB, Breaking glass, Door status
- Operating temperature: 0 - 60° C
- Easy integration into third party hardware and software
- Critical information is encrypted

